

Claims

- [c1] A method of operating a browser application with a connection to a data network comprising:
- (a) retrieving a template containing one or more inclusion markups;
 - (b) parsing the template for the inclusion markups;
 - (c) retrieving from a server connected to the data network an included data object identified in an inclusion markup;
 - (c) assembling the template and the included data objects to create a data page that can be displayed to the user.
- [c2] The invention of claim 1 wherein the template is retrieved from a cache.
- [c3] The invention of claim 1 wherein the inclusion markup identifying the included data object also identifies at least one alternative source for the included data object.
- [c4] The invention of claim 1 wherein the template and the data objects are expressed in XML.
- [c5] The invention of claim 1 wherein the template is used to create a document object model tree.
- [c6] The invention of claim 5 wherein the document object model tree is modified in accordance with the inclusion markups.
- [c7] The invention of claim 1 wherein the inclusion markups are expressed using ESI.
- [c8] A device-readable medium storing a scripting program for performing a method of operating a browser application with a connection to a data network, the method comprising the steps of:
- (a) retrieving a template containing one or more inclusion markups;
 - (b) parsing the template for the inclusion markups;
 - (c) retrieving from a server connected to the data network an included data object identified in an inclusion markup;
 - (c) assembling the template and the included data objects to create a data page that can be displayed to the user.

- [c9] The invention of claim 8 wherein the template is retrieved from a cache.
- [c10] The invention of claim 8 wherein the inclusion markup identifying the included data object also identifies at least one alternative source for the included data object.
- [c11] The invention of claim 8 wherein the template and the data objects are expressed in XML.
- [c12] The invention of claim 8 wherein the template is used to create a document object model tree.
- [c13] The invention of claim 12 wherein the document object model tree is modified in accordance with the inclusion markups.
- [c14] The invention of claim 8 wherein the inclusion markups are expressed using ESI.